

LISTING OF THE CLAIMS

A complete listing of the claims is provided below. This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) An oscillation generating device for use in a soil compacter, comprising with a first unbalance shaft pair (2) and a tipping moment compensation device (3), characterized in that wherein a second unbalance shaft pair (3) is arranged adjacent to the first unbalance shaft pair as a the tipping moment compensation device (3), and that wherein the unbalance shaft pairs (3, 4) [sic; 2, 3] rotate in opposite directions, and diagonally opposite unbalance shafts (4, 4'; 5, 5') rotate in the same direction.

2. (Currently Amended) The oscillation generating device according to Claim 1, characterized in that wherein the unbalance shafts (4, 5) of the one first unbalance shaft pair (2) are aligned pairwise with the unbalance shafts (4', 5') of the other second unbalance shaft pair (3).

3. (Currently Amended) The oscillation generating device according to Claim 1, characterized in that wherein the unbalance shafts (4, 5) of the one first unbalance shaft pair (2) are offset in crossed symmetry, and in an axially parallel manner, relative to the unbalance shafts (4', 5') of the other second unbalance shaft pair (3).

4. (Currently Amended) The oscillation generating device according to Claim 3, characterized in that wherein the spacings of the diagonally opposite unbalance shafts (4, 4'; 5, 5') are different.

5. (Currently Amended) The oscillation generating device according to Claim 3 or 4, characterized in that wherein the unbalance shafts (4, 4'; 5, 5') are located in one plane.

6. (Currently Amended) The oscillation generating device according to Claim 3 or 4, ~~characterized in that~~ wherein the unbalance shafts (4, 4'; 5, 5') are arranged spatially offset relative to each other.

7. (Currently Amended) The oscillation generating device according to ~~one of the preceding claims~~, ~~characterized in that~~ wherein each unbalance shaft pair ~~{sic; mass}~~ (3, 4) comprises an unbalance shaft (10) with changeable phase position.

8. (Currently Amended) The oscillation generating device according to Claim 7, ~~characterized in that~~ further comprising a synchronization device for synchronously adjusting the phase relationship ~~is present between the unbalance shaft pairs~~.

9. (Currently Amended) The oscillation generating device according to Claim 7 or 8, ~~characterized in that~~ wherein the synchronization device is designed for the common phase adjustment in the same direction of both unbalance shaft pairs (3, 4).

10. (Currently Amended) The oscillation generating device according to Claim 7 or 8, ~~characterized in that~~ further comprising a device ~~is~~—present for independent phase adjustment.

11. (Currently Amended) The oscillation generating device according to ~~one of~~ Claims 8 to 10, ~~characterized in that~~ wherein the synchronization device comprises a hydraulically operated flow divider.

12. (Currently Amended) The oscillation generating device according to ~~one of the preceding claims~~ claim 1, characterized in that wherein at least the diagonal unbalance shafts ~~(4, 4'; 5, 5')~~ are coupled so that they rotate in unison.

13. (Currently Amended) The oscillation generating device according to Claim 12, characterized in that wherein all unbalance shafts ~~(4, 4'; 5, 5')~~ are coupled so that they rotate in unison.

14. (Currently Amended) The oscillation generating device according to Claim 12 or 13, characterized in that wherein the coupling rotating in unison ~~consists of~~ includes a transmission ~~(25)~~ with two crown gears ~~(6)~~, and spur gears ~~(7, 8)~~ on the unbalance shafts ~~(4, 4')~~ and ~~(5, 5')~~ meshing with them.

15. (Currently Amended) The oscillation generating device according to Claim 14, characterized in that wherein the transmission ~~(25)~~ is operatively connected to a single drive ~~(1)~~.